(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 15 January 2004 (15.01.2004)

PCT

(10) International Publication Number WO 2004/005255 A1

- (51) International Patent Classification⁷: C07D 211/14, 211/38, 207/20, 211/70, 207/06, 265/30, 213/16, A61K 31/40, 31/445, 31/44, 31/535, A61P 25/00, 29/00, 1/08
- (21) International Application Number:

PCT/EP2003/007126

(22) International Filing Date:

2 July 2003 (02.07.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0215392.2

3 July 2002 (03.07.2002) GB

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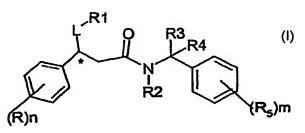
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: N-BENZYL-3-PHENYL-3-HETEROCYCLYL-PROPIONAMIDE COMPOUNDS AS TACHYKININ AND/ OR SEROTONIN REUPTAKE INHIBITORS



(57) Abstract: The present invention relates to heterocyclic derivatives of formula (1) wherein R_1 represents a 5 or 6 membered heteroaryl group, in which the 5-membered heteroaryl group contains at least one heteroatom selected from oxygen, sulphur or nitrogen and the 6-membered heteroaryl group contains from 1 to 3 nitrogen atoms, or R_1 represents a 4,5 or 6 membered heterocyclic group, wherein saids 5 or 6 membered heteroaryl or the 4,5 or 6 membered heterocyclic group may optionally be substituted by one to three substituents, which may be the same or different, selected from $(CH_2)_pR_6$, wherein p is

zero or an integer from 1 to 4 and wherein R and R₂- R₆ are each as defined in the description and pharmaceutically acceptable salts and solvates thereof; process for their preparation and their use in the treatment of conditions mediated by tachykinins and/or by selective inhibition of serotonin reuptake transporter protein.

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D211/14 C07D211/38

C07D207/20 A61K31/40

C07D211/70 A61K31/445 C07D207/06

C07D265/30 A61K31/535

C07D213/16 A61P25/00

A61P29/00

A61P1/08

A61K31/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, EPO-Internal

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A	WO 93 01169 A (MERCK SHARP & DOHME) 21 January 1993 (1993-01-21) page 19, line 22 -page 21, line 17; claim 1; examples 25-27	1-13
A	WO 94 04494 A (WARNER LAMBERT CO) 3 March 1994 (1994-03-03) page 3, line 24 -page 6, line 14; example 9	1-13
A	JP 04 089478 A (SUNTORY K. K., JAPAN;ZENKOKU NOGYO KYODO KUMIA RENGOKAI) 23 March 1992 (1992-03-23) see abstract andd compounds 40-44 on p.557	1

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
1 October 2003	23/10/2003
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Schuemacher, A



International Application No
PCT/EP 03/07126

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C.(Continu	C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No.				
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Helevani to claim No.			
A	MULLER G W ET AL: "STRUCTURAL MODIFICATIONS OF THALIDOMIDE PRODUCE ANALOGS WITH ENHANCED TUMOR NECROSIS FACTOR INHIBITORY ACTIVITY" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 39, no. 17, 16 August 1996 (1996-08-16), pages 3238-3240, XP002064438 ISSN: 0022-2623 table 2, compound 18	1-5			
A	MARK D.E.: J.MED.CHEMISTRY, vol. 36, no. 24, 1993, pages 3771-3783, XP002255002 scheme IV p3379, compound 25	1-5			
		1			

International application No. PCT/EP 03/07126

INTERNATIONAL SEARCH REPORT

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)			
This International Search Report has not been established in respect of certain daims under Article 17(2)(a) for the following reasons:			
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:			
Although claims 11 and 13 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.			
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:			
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).			
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)			
This International Searching Authority found multiple inventions in this international application, as follows:			
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.			
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.			
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:			
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:			
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.			

International plication No PCT/EP 03/07126

Publication Patent family **Publication** Patent document date member(s) cited in search report date 21-01-1993 2110514 A1 CA 21-01-1993 WO 9301169 Α EP 0593559 A1 27-04-1994 21-01-1993 WO 9301169 A2 JP 13-10-1994 6509087 T 05-12-1995 US 5472978 A 15-02-1996 133657 T AT 15-02-1996 133658 T AT 09-11-1995 664188 B2 AU 11-02-1993 2244092 A AU 21-01-1993 2110513 A1 CA 21-01-1993 2110725 A1 CA 14-03-1996 69208088 D1 DE 14-03-1996 69208089 D1 DE 13-01-1993 0522808 A2 EP 27-04-1994 EP 0593557 A1 0593615 A1 27-04-1994 EP 21-01-1993 9301159 A1 WO 21-01-1993 WO 9301160 A1 21-01-1993 WO 9301165 A2 922185 A1 13-01-1993 IE 6509332 T 20-10-1994 JP 13-10-1994 JP 6509090 T 11-03-1997 US 5610183 A 13-05-1997 5629347 A US 5495047 A 27-02-1996 US 15-12-2000 **AT** 197793 T 03-03-1994 WO 9404494 Α 05-03-1998 687754 B2 AU 15-03-1994 5005593 A AU 04-01-2001 69329712 D1 DE 12-04-2001 69329712 T2 DE 02-01-2001 DK 655055 T3 17-05-2000 1000930 A2 EP 31-05-1995 EP 0655055 A1 16-03-2001 2153841 T3 ES 31-05-2001 3035372 T3 GR 16-01-1996 8500361 T JP 24-06-1997 NZ 255721 A 30-03-2001 655055 T PT 03-03-1994 9404494 A1 WO 09-11-1999 US 5981755 A 14-01-1997 US 5594022 A 5716979 A 10-02-1998 US 5856354 A 05-01-1999 US NONE JP 4089478 Α 23-03-1992